

Rituximab Biosimilar N297A Research Grade

Product Code: ICH4011N297A

Rituximab Biosimilar - Research Grade: N297A

Product Benefits:

ichorbio's Rituximab Biosimilar - Research Grade is manufactured in a cGMP compliant facility. This version of rituximab is Fc Silenced using the N297A mutation

Size:

ichorbio's research grade rituximab biosimilar is available in the following sizes: 0.5mg, 1mg, 5mg, 10mg, 20mg ichorbio regularly manufactures bulk multi-gram amounts of our Fc silenced rituximab biosimilar - please contact us for pricing.

Target:

CD20

Clone:

n/a

Isotype:

Human IgG1(N297A)-Kappa

Other Names:

B-lymphocyte surface antigen B1, Bp35, Leukocyte surface antigen Leu-16, Membrane-spanning 4-domains subfamily A member 1, MS4A1

Host:

Humanized

Species Reactivity:

Human

Specificity:

Detects human CD20.

Purification Method:

This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.

Background:

Rituximab is a genetically engineered chimeric murine/human monoclonal IgG1 kappa antibody directed against the CD20 antigen. Rituximab has an approximate molecular weight of 145 kD. ichorbio's Rituximab is produced in mammalian cells -Chinese Hamster Ovary.

Concentration:

1.0 - 5.0 mg/ml

Formulation:

Sterile, clear, colorless, preservative-free solution containing polysorbate 80, sodium chloride, sodium citrate. The pH is 6.5. BSA and Azide free.

Purity:

>95% by SDS-PAGE and HPLC

Endotoxin:

≤ 0.75 EU/mg as determined by the LAL method

Storage:

Rituximab Biosimilar - Research Grade: N297A is stable for at least four (4) weeks when stored sterile at 2-8°C. For long term storage aseptically aliquot in working volumes without diluting and store at -80°C. Avoid Repeated Freeze Thaw Cycles.

**Applications:**

Functional Assays

Application Notes:

Each investigator should determine their own optimal working dilution for specific applications.

Use: ichorbio's Fc silenced rituximab biosimilar is for research use only (RUO). **Isotype Control:**

[Bulk Human IgG1 Isotype Control \(IB1\) N297A \[ICH2254N297A\]](#)